Queries to the Author

Chapter Number: 8

Chapter Title: Assessing Effects through Laboratory Toxicity Testing

Query	Description	Author's Response
1.	**SECTION:** 8.8 SUBLETHAL EFFECTS AND TEST DEVELOPMENTS **AUTHOR:** Please check the sentence "Only when the linkage (…) goals be understood) for clarity.	The current sentence is OK, but perhaps can be improved by rewording to read "A sublethal effect at the individual level is only relevant to protection goals when it can be linked to a resulting effect at the colony level."
2.	**SECTION:**REFERENCES **AUTHOR:** The following URLs are not accessible. Please check. • "http://ecfr.gpoaccess.gov/cgi/t/text/textidx?c=ecfr&sid=e2fa3dd8d45333c0c4427f3d556c30f9&tpl=/ecfrbrowse/Title40/40cfr158_main_02.tpl. • http://www.oecd-ilibrary.org/docserver/download/fulltext/9721401e.pdf?expires=1333215085&id=id&accname=freeContent&checksum=39EF34D70EBB775A1FAE80D4FA4953EB • http://www.oecd-ilibrary.org/docserver/download/fulltext/9721301e.pdf?expires=1333215348&id=id&accname=freeContent&checksum=959BEB86B48777CDD914B00E36AA67F0	These links did not work for me either

3.	**SECTION:** REFERENCES **AUTHOR:** Please provide the last accessed date for the following URLs:	
	• http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2009:309:0001:0050:EN:PDF	Was able to access 21Jan2014
	• http://www.uksup.sk/download/oso/20030409_smernica_rady_91_414_eec.pdf	Was able to access 21Jan2014
	• http://www.oecd-ilibrary.org/docserver/download/fulltext/9721401e.pdf?expires=1333215085&id=id&accname=freeContent&checksum=39EF34D70EBB775A1FAE80D4FA4953EB	Was not able to access 21Jan2014
	• http://www.oecd-ilibrary.org/docserver/download/fulltext/9721301e.pdf?expires=1333215348&id=id&accname=freeContent&checksum=959BEB86B48777CDD914B00E36AA67F0	Was not able to access 21Jan2014
	• http://www.regulations.gov/#!documentDetail;D=EPA-HQ-OPPT-2009-0154-0016	Was able to access 21Jan2014
	• http://ec.europa.eu/food/plant/protection/evaluation/guidance/wrkdoc09_en.pdf	Was able to access 21Jan2014
	• http://www.regulations.gov/#!documentDetail;D=EPA-HQ-OPPT-2009-0154-0017	Was able to access 21Jan2014
	• http://www.regulations.gov/#!documentDetail;D=EPA-HQ-OPPT-2009-0154-0018	Was able to access 21Jan2014

4.	SECTION: REFERENCES AUTHOR: Please provide the complete list of authors (and other information, if any) for the following references: • "Johansen C. et al. 1977. *Bee Research Investigations*. Dept. of Entomology, Washington State University, unpublished, p. 22." • "Lagier RF. et al. 1974. *Adjuvants Decrease Insecticide Hazard to Honey Bees*. College of Agriculture Research Center, Washington State University Bulletin 801, 7 pp"	Have not been able to obtain a hard copy of Johansen, C. *et al.* 1977. Bee Research Investigations. Dept. of Entomology, Washington State University, unpublished, pp. 22. One of the coauthors was D. Mayer, but the others are unknown. R. F. Lagier, C. A. Johansen, M. G. Kleinschmidt, L. I. Butler, L. M. McDonough and D. S. Jackson.
5.	SECTION: GLOBAL AUTHOR: The complete list of headings as appearing in the chapter is given below. Please check whether they have been given as intended. The highlight headings are 'level 2' in the chapter but 'level 1' in the TOC. **8.1 INTRODUCTION** **8.2 OVERVIEW OF LABORATORY TESTING REQUIREMENTS AMONG SEVERAL COUNTRIES** 8.2.1 OVERVIEW OF HONEY BEE LABORATORY TESTING IN THE EUROPEAN UNION 8.2.2 OVERVIEW OF HONEY BEE LABORATORY TESTING FOR REGULATORY PURPOSES IN NORTH AMERICA **8.3 UNCERTAINTIES IN CURRENT TESTING PARADIGMS** **8.4 LIMITATIONS AND SUGGESTED IMPROVEMENTS FOR TIER 1 TESTING** 8.4.1 ADULT APIS MELLIFERA WORKER ACUTE TOXICITY	The headings are OK

	8.5 ADULT ORAL CHRONIC TOXICITY – APIS BEES **8.6 HONEY BEE BROOD TESTS IN THE LABORATORY** **8.7 ADULT TOXICITY TESTING WITH NON-APIS BEES** 8.7.1 NON-APIS BEE TESTING METHODS 8.7.2 NON-APIS LARVAL TESTING **8.8 SUBLETHAL EFFECTS AND TEST DEVELOPMENTS** 8.8.1 PROBOSCIS EXTENSION RESPONSE (PER) IN LABORATORY 8.8.2 ARTIFICIAL FLOWERS IN SEMI-FIELD CAGE 8.8.3 VISUAL LEARNING PERFORMANCE IN A MAZE 8.8.4 RFID TAGGED BEES TO MEASURE FORAGING BEHAVIOR **8.9 CONCLUSIONS**	
6.	SECTION: GLOBAL AUTHOR: Please provide the reference details for the following citations. 1. Johansen et al. (1997) 2. Menzel et al. (1974) 3. Johansen et al., 1986 4. Gough et al, 1994	
7.	SECTION: GLOBAL AUTHOR: The following references have not been cited in the text. Please check. 1. Alix et al. (2009) 2. Decourtye et al. (2005)	

	3. EC No 1107/2009 4. EPPO. 2010. PP 3/10 (3): Chapter 10 5. EU Directive 91/414 6. Johansen et al. (1977) 7. OECD. 2007 8. SANCO/10329/rev 2 final, 2002	
8.	SECTION: 8.2.2 OVERVIEW OF HONEY BEE LABORATORY TESTING FOR REGULATORY PURPOSES IN NORTH AMERICA AUTHOR: The abbreviations USEPA and PMRA have been expanded as United States Environmental Protection Agency and Pest Management Regulatory Agency. Please check and confirm.	
9.	SECTION: **OVERVIEW OF HONEY BEE LABORATORY TESTING FOR REGULATORY PURPOSES IN NORTH AMERICA** AUTHOR: Please check whether the citation "Johansen et al. (1997)" can be changed to "Johansen et al. (1977)" as per the reference list. If otherwise, please provide in-text citations for "Johansen et al. (1997)".	
10.	SECTION: **OVERVIEW OF HONEY BEE LABORATORY TESTING FOR REGULATORY PURPOSES IN NORTH AMERICA** AUTHOR: The footnote "[1]" is not explained in the text. Please check.	
11.	SECTION: **HONEY BEE BROOD TESTS IN THE LABORATORY** AUTHOR: Wittmann (1982) has been changed to Wittmann (1981) as per the reference list. Please check.	